

ORGANIC LIGHT EMITTING DIODE LIGHT SOURCE

ABSTRACT

A novel OLED light source and method for controlling said OLED light source panel are disclosed wherein said light source is constructed such that active areas are segmented and said segments are separately addressable. In one embodiment, the segments are a series of RGB lines or stripes and the control unit may separately drive each individual stripe or may drive all separate color lines or may drive separate lines within a given region on the panel. In another embodiment, the stripes of the panel are connected to control lines that are either current limited or have a fuse that serves to obviate a current runaway condition on the panel. In another embodiment, the output light chromaticity of the panel is controlled either by users or by light sensors.